

USCMS Engineer Status Report for October 2003

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1 Work Performed This Month

IGUANACMS tested and tagged for the first release IGUANACMS_1.0.0:

- o) BuildFiles revisited to satisfy automatic plugin registration.
- o) Reconstruction part of the code moved to the separate subsystems (VisMuon and VisMuonReco, VisTracker and VisTrackerReco, etc) to satisfy releases of ORCA for production.
- o) More content proxies defined and loaded (e.g. Reconstruction geometry of the Tracker, etc.);
- o) ORCA visualisation: Split to sim and rec applications, selectApplication added at the stage of iguana setup.
- o) Tracker event: Check if the Tracker event twig already exists. VisTk-SimHitsTwig.cc: Add level of details and remove detailed text table. Lock the application during a dialog.
- o) .orcarc added for tests with more data cards;
- o) Code cleanup.
- o) Cobra visualisation: change update behaviour:
 - Do update for 3D representations even if objects are not visible;
 - Remove 3D representation before doing update.

2 Plans For Next Month

- o) Clean (minimal) set of web pages;
- o) Combine tutorial and User Guide to a single up-to-date document;

- o) Release IGUANA_1.1.0;
- o) Work on extending ORCA visualisation functionality.

3 Resources Needed

I'd like to get a new desktop computer. The one I have is 5 yrs old Pentium two with very bad screen and practically falling apart keyboard and mouse. For the moment I work only on my laptop (2 yrs old) which started making funny noises after being used so hard. It runs 24hrs/day. I probably should send it to the service (it's still on the guarantee), but then I'll have nothing to work with...

4 Links To Supporting Documentation

- <http://cern.ch/iguanacms>